

**To:** Vaughn, Stephanie[Vaughn.Stephania@epa.gov]  
**From:** Stan Kaczmarek  
**Sent:** Wed 12/18/2013 4:41:25 PM  
**Subject:** Geotextile placement in a tidal situation

Stephanie, is this a fair representation of what you related to me by phone this morning?

There was a Region 5 project in a tidal area in which geo-textile and armoring stone was successful placed. Main points:

- They too had a significant learning curve
- What eventually ended up working was a very manual process with the near shore placement and securing of material occurring at low tide
- They would unroll the fabric and place it on the exposed part of the area at low tide temporarily anchoring it onto the shore
- They would then manually carry some of the armoring stone out onto the fabric from shore and place it in ways to secure the fabric edges
- The excavator would later finish the placement of the bulk of the armor stone
- When it was secured in the near shore areas it made it easier to mechanically unroll and place the fabric in the deeper areas.

Please let me know if I got it right, and if I am missing anything important. Also, can you identify the site for us?

Stan

**Stan Kaczmarek, PE**  
**de maximis, inc.**  
**186 Center Street, Suite 290**  
**Clinton, NJ 08809**  
**(O) (908) 735-9315**  
**(C) (973) 978-9621**